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#7

RAW SEQUENCE LISTING

DATE: 12/26/2002

PATENT APPLICATION: US/10/051,804B

TIME: 13:19:46

Input Set : A:\K163-cip.app

Output Set: N:\CRF4\12262002\J051804B.raw

4 <110> APPLICANT: ANGEL, PETER
5 HERRLICH, PETER
6 VAN DAM, HANS
7 VAN DER ERB, ALEX
9 <120> TITLE OF INVENTION: TRANSCRIPTION FACTORS AND THEIR USE
11 <130> FILE REFERENCE: K-163-CIP
13 <140> CURRENT APPLICATION NUMBER: 10/051,804B
14 <141> CURRENT FILING DATE: 2002-01-11
16 <150> PRIOR APPLICATION NUMBER: 09/679,695
17 <151> PRIOR FILING DATE: 2000-10-05
19 <150> PRIOR APPLICATION NUMBER: PCT/EP99/01805
20 <151> PRIOR FILING DATE: 1999-03-18
22 <150> PRIOR APPLICATION NUMBER: DE 190 15 331.7
23 <151> PRIOR FILING DATE: 1998-04-06
25 <160> NUMBER OF SEQ ID NOS: 37
27 <170> SOFTWARE: PatentIn Ver. 2.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 31
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
36 sequence
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39 <221> NAME/KEY: MOD_RES
40 <222> LOCATION: (2)..(7)
41 <223> OTHER INFORMATION: Variable amino acid
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44 <221> NAME/KEY: MOD_RES
45 <222> LOCATION: (9)..(13)
46 <223> OTHER INFORMATION: Variable amino acid
48 <220> FEATURE:
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50 <222> LOCATION: (14)
51 <223> OTHER INFORMATION: Tyr or Gly
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55 <222> LOCATION: (15)
56 <223> OTHER INFORMATION: Variable amino acid
58 <220> FEATURE:
59 <221> NAME/KEY: MOD_RES
60 <222> LOCATION: (17)..(22)
61 <223> OTHER INFORMATION: Variable amino acid

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63 <220> FEATURE:

64 <221> NAME/KEY: MOD_RES

65 <222> LOCATION: (24)..(29)

66 <223> OTHER INFORMATION: Variable amino acid

68 <220> FEATURE:

69 <221> NAME/KEY: MOD_RES

70 <222> LOCATION: (31)

71 <223> OTHER INFORMATION: Variable amino acid

73 <400> SEQUENCE: 1

W--> 74 Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu
 75 1 5 10 15
 77 Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa
 78 20 25 30

81 <210> SEQ ID NO: 2

82 <211> LENGTH: 31

83 <212> TYPE: PRT

84 <213> ORGANISM: Unknown Sequence

86 <220> FEATURE:

87 <223> OTHER INFORMATION: Description of Unknown Sequence: cJun wt

89 <400> SEQUENCE: 2

90 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
 91 1 5 10 15
 93 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 94 20 25 30

97 <210> SEQ ID NO: 3

98 <211> LENGTH: 31

99 <212> TYPE: PRT

100 <213> ORGANISM: Artificial Sequence

102 <220> FEATURE:

103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

104 peptide

106 <400> SEQUENCE: 3

107 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
 108 1 5 10 15
 110 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 111 20 25 30

114 <210> SEQ ID NO: 4

115 <211> LENGTH: 31

116 <212> TYPE: PRT

117 <213> ORGANISM: Artificial Sequence

119 <220> FEATURE:

120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

121 peptide

123 <400> SEQUENCE: 4

124 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
 125 1 5 10 15
 127 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
 128 20 25 30

131 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

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137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138     peptide
140 <400> SEQUENCE: 5
141 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
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144 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
145           20             25             30
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149 <211> LENGTH: 31
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
155     peptide
157 <400> SEQUENCE: 6
158 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
159   1             5             10             15
161 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
162           20             25             30
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166 <211> LENGTH: 31
167 <212> TYPE: PRT
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170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
172     peptide
174 <400> SEQUENCE: 7
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178 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
179           20             25             30
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183 <211> LENGTH: 31
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185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
189     peptide
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192 Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
193   1             5             10             15
195 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
196           20             25             30
199 <210> SEQ ID NO: 9
200 <211> LENGTH: 31

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RAW SEQUENCE LISTING

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Input Set : A:\K163-cip.app

Output Set: N:\CRF4\12262002\J051804B.raw

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204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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208 <400> SEQUENCE: 9
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212 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
213           20           25           30
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217 <211> LENGTH: 31
218 <212> TYPE: PRT
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221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223     peptide
225 <400> SEQUENCE: 10
226 Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
227   1           5           10           15
229 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
230           20           25           30
233 <210> SEQ ID NO: 11
234 <211> LENGTH: 31
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240     peptide
242 <400> SEQUENCE: 11
243 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
244   1           5           10           15
246 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
247           20           25           30
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251 <211> LENGTH: 31
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257     peptide
259 <400> SEQUENCE: 12
260 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
261   1           5           10           15
263 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
264           20           25           30
267 <210> SEQ ID NO: 13
268 <211> LENGTH: 31
269 <212> TYPE: PRT

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DATE: 12/26/2002

PATENT APPLICATION: US/10/051,804B

TIME: 13:19:46

Input Set : A:\K163-cip.app

Output Set: N:\CRF4\12262002\J051804B.raw

270 <213> ORGANISM: Artificial Sequence

272 <220> FEATURE:

273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
274 peptide

276 <400> SEQUENCE: 13

277 Leu Glu Glu Lys Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala

278 1 5 10 15

280 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln

281 20 25 30

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285 <211> LENGTH: 31

286 <212> TYPE: PRT

287 <213> ORGANISM: Artificial Sequence

289 <220> FEATURE:

290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291 peptide

293 <400> SEQUENCE: 14

294 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala

295 1 5 10 15

297 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln

298 20 25 30

301 <210> SEQ ID NO: 15

302 <211> LENGTH: 31

303 <212> TYPE: PRT

304 <213> ORGANISM: Artificial Sequence

306 <220> FEATURE:

307 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
308 peptide

310 <400> SEQUENCE: 15

311 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala

312 1 5 10 15

314 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Glu Gln

315 20 25 30

318 <210> SEQ ID NO: 16

319 <211> LENGTH: 31

320 <212> TYPE: PRT

321 <213> ORGANISM: Artificial Sequence

323 <220> FEATURE:

324 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
325 peptide

327 <400> SEQUENCE: 16

328 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala

329 1 5 10 15

331 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Glu Gln

332 20 25 30

335 <210> SEQ ID NO: 17

336 <211> LENGTH: 31

337 <212> TYPE: PRT

338 <213> ORGANISM: Unknown Sequence

RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/051,804B

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Input Set : A:\K163-cip.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. ~~2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26~~
 Seq#:1; Xaa Pos. ~~27,28,29,31~~
 Seq#:21; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:22; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:23; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:24; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:25; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:26; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:27; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:28; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
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 Seq#:32; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:33; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:34; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:35; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:36; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
 Seq#:37; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29